



Attorney's Docket No.: 10280-104001 / HB0007

IFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Wescott et al.  
Serial No. : 10/034,974  
Filed : December 21, 2001  
Title : FIBRIN BINDING MOIETIES USEFUL AS IMAGING AGENTS

Art Unit : 1653  
Examiner : Robert A. Wax

**MAIL STOP AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

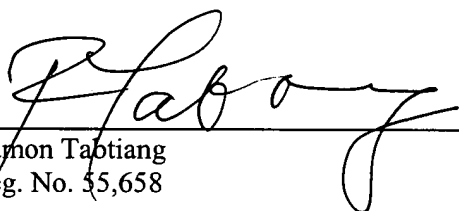
INFORMATION DISCLOSURE STATEMENT

Copies of references AI, AJ, AK, AN, AO, AP, AQ, and AR, listed on the attached form PTO-1449, are enclosed. In accordance with the provisions of revised 37 C.F.R. § 1.98(a)(2)(ii), copies of U.S. patent or U.S. patent application publications are not disclosed.

This statement is being filed after a first Office action on the merits, but before receipt of a final Office action or a Notice of Allowance. A check for \$180 in payment of the late submission fee of §1.17(p) is enclosed. Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 9 Dec 2004

  
Ramon Taotiang  
Reg. No. 55,658

Fish & Richardson P.C.  
225 Franklin Street  
Boston, MA 02110-2804  
Telephone: (617) 542-5070  
Facsimile: (617) 542-8906

20990253.doc

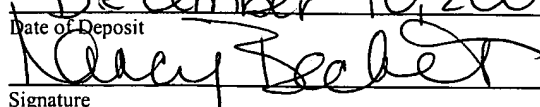
12/15/2004 GWORDF1 00000035 10034974

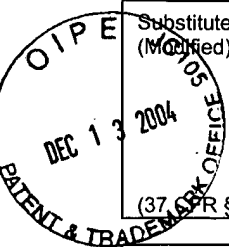
01 FC:1806

180.00 0P

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

December 10, 2004  
Date of Deposit  
  
Signature  
Nancy Bechet  
Typed or Printed Name of Person Signing Certificate



Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10280-104001	Application No. 10/034,974
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Wescott et al.	
		Filing Date December 21, 2001	Group Art Unit 1653

### U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	5,011,686	4/30/1991	Pang			
	AB	6,001,809	12/14/1999	Thorsett et al.			
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						

### Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AI	WO 98/17796	4/30/1998	WIPO				
	AJ	WO 98/34631	8/13/1998	WIPO				
	AK	WO 91/16353	10/31/1991	WIPO				
	AL							
	AM							

### Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AN	Achyuthan, K.E. et al., "Factor XIIIa-Derived Peptides Inhibit Transglutaminase Activity", <i>The Journal of Biological Chemistry</i> , Vol. 268, No. 28, pp. 21284-21292, 1993.
	AO	Achyuthan, K.E. et al., "Hierarchies in the Binding of Human Factor XIII, Factor XIIIa, and Endothelial Cell Transglutaminase to Human Plasma Fibrinogen, Fibrin, and Fibronectin", <i>Molecular and Cellular biochemistry</i> , Vol. 162, pp. 43-49, 1996.
	AP	Achyuthan, K.E. et al., "The Binding Sites on Fibrin(ogen) for Guinea Pig Liver Transglutaminase Are Similar to Those of Blood Coagulation Factor XIII", <i>The Journal of Biological Chemistry</i> , Vol. 163, No. 28, pp. 14296-14301, 1988.
	AQ	Bevan, M., et al., Accession number T05787, 1998.
	AR	Gray J X et al., "CD97 is a Processed, Seven-Transmembrane, Heterodimeric Receptor Associated with Inflammation," <i>J of Immun</i> , The Williams and Wilkins Co., Vol. 157, no. 12, 15 December 1996.

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10280-104001	Application No. 10/034,974
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Wescott et al.	
		Filing Date December 21, 2001	Group Art Unit 1653

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
	AS	Greenberg, C.S. et al., "Isolation of a Fibrin-Binding Fragment from Blood Coagulation Factor XIII Capable of cross-Linking Fibrin(ogen)", <i>Biochem. J.</i> , Vol. 256, pp. 1013-1019, 1988.
	AT	Greenberg, C.S. et al., "Transglutaminases: Multifunctional Cross-Linking Enzymes that Stabilise Tissues", <i>The FASEB Journal</i> , Vol. 5, pp. 3071-3077, 1991.
	AU	Greenwald R.B. et al., "PEG Thiazolidine-2-Thione, a Novel Reagent for Facile Protein Modification: Conjugation of Bovine Hemoglobin", <i>Bioconjugate Chem.</i> , Vol. 7, pp. 638-641, 1996.
	AV	Favreau P et al., "Biochemical Characterization and Nuclear Magnetic Resonance Structure of Novel Alpha-Conotoxins Isolated From the Venom of Conus Consors", <i>Biochemistry</i> , American Chemical Society, Vol. 38, no. 19, 11 May 1999.
	AW	Fischman, A.J. et al., "A Tichet to Ride: Peptide Radiopharmaceuticals", <i>J. Nucl. Med.</i> , Vol. 34, pp. 2253-2263, 1993.
	AX	Hai, T.T et al., Synthesis of Water-Soluble, Nonimmunogenic Polyamide Cross-Linking Agents", <i>Bioconjugate Chem.</i> , Vol. 9, pp. 645-654, 1998.
	AY	Huang, L. et al., "Coupling of Antibodies with Liposomes", <i>Liposome Technology</i> , Vol. III, pp. 51-62.
	AZ	Joppich, M. and Luisi, P.L., "Peptides Flanked by Two Polymer Chains, 1", <i>Makromol. Chem.</i> , Vol. 180, pp. 1381-1384, 1979.
	AAA	Kim, H.C. et al., The Complete Amino Acid Sequence of the Human Transglutaminase K Enzyme Deduced from the Nucleic Acid Sequences of cDNA Clones", <i>The Journal of Biological Chemistry</i> , Vol. 266, No. 1, pp. 536-539, 1991.
	ABB	Kim, S.Y. et al., "The Structure of the Transglutaminase 1 Enzyme", <i>The Journal of Biological Chemistry</i> , Vol. 269, No. 45, pp. 27979-27986, 1994.
	ACC	Klibanov, A.L. et al., "Amphipathic Polyethyleneglycols effectively Prolong the Circulation Time of Liposomes", <i>FEBS</i> , Vol. 268, No. 1, pp. 235-237, 1990.
	ADD	Lai, T.S. et al., "Carboxyl-Terminal Truncation of Recombinant Factor XIII A-Chains", <i>The Journal of Biological Chemistry</i> , Vol. 269, No.40, pp. 24596-24601, 1994.
	AEE	Leserman, L.D. et al., "Covalent Coupling of Monoclonal Antibodies and Protein A to Liposomes: Specific Interaction with Cells in Vitro and in Vivo", <i>Liposome Technology</i> , Vol. III, pp. 29-40.
	AFF	Murphy, L. et al., accession Number T34584, 1998.
	AGG	Nielsen, E. et al., Cysteine Residue Periodicity is a Conserved Structural Feature of Variable Surface Proteins from <i>Paramecium tetraurelia</i> ", <i>J. of Mol. Biol.</i> , Vol. 222, pp. 835-841, 1991.
	AHH	Phillips, M.A. et al., "Genomic Structure of Keratinocyte Transglutaminase", <i>The Journal of Biological Chemistry</i> , Vol. 267, No. 4, pp. 2282-2286, 1992.
	AII	Redenbach, M. et al., "A Set of Ordered Cosmids and a Detailed Genetic and Physical Map for the 8 Mb Streptomyces coelicolor A3(2) Chromosome", <i>Molecular Microbiology</i> , Vol. 21, No. 1, pp. 77-96, 1996.

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	